CLAIMS:

1. (currently amended) A braze material for diffusion brazing of an article formed of a superalloy material, the braze material comprising a carrier and superalloy filler particles, the superalloy filler particles comprising ~~a size less than 100 nanometers~~ a first portion of nano-sized particles and a second portion of micron-sized particles.

2. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 75 nanometers.

3. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 50 nanometers.

4. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 40 nanometers.

5. (currently amended) The braze material of claim 1, further comprising braze alloy particles having a melting point temperature below that of ~~the~~ a bulk melting temperature of the superalloy material of the micron-sized superalloy filler particles and above that of the nano-sized superalloy filler particles.

6. (currently amended) The braze material of claim 5, wherein a weight ratio of the nano-sized superalloy filler particles to the ~~braze alloy particles~~ micron-sized constituents is at least 70/30.

7. (withdrawn) The braze material of claim 1, further comprising a coating of a melting point depressant material on a surface of individual filler particles.

8. (withdrawn) The braze material of claim 1, further comprising a coating of one of the group of boron and silicon on a surface of individual filler particles.

9. (withdrawn) The braze material of claim 1, wherein the filler particles comprise a size sufficiently small so that they exhibit a melting temperature that is less than a solution temperature of the superalloy material.

Claims 10-23 (cancelled).